

, line 20	delete "a" and insert --293-- before "which";
, line 22	delete "the" and insert --291-- before "is"; and
, line 24	delete "a" and insert --297-- before ".".
p. 25, line 6	insert --(a)-- after ":"; and
, line 10	insert --a-- after "(" and insert --for-- after "lens".

IN THE CLAIMS:

Amend Claim 1 as follows:

--1. (Amended) Apparatus for illuminating the fundus of an eye with a [scanned sample] beam of radiation [, the scanned sample beam emerging] output from a beam scanner [which is exposed to a sample beam], [which] the apparatus comprises:

means for transferring radiation from the [scanned sample] output beam of radiation, including chief rays of the [sample] output beam of radiation which emerge from a point of final deflection of the beam scanner; and

means for focusing the transferred radiation so that the [scanned sample] output beam of radiation is focused onto the fundus [by] of the eye;

wherein the means for transferring comprises a lens means which is fixed with respect to the beam scanner so that the point of final deflection is located substantially in the back focal plane of the lens means and wherein the lens means is movable.--

[Amend Claim 2 as follows:]

--2. (Amended) The apparatus of claim 1 further comprises a fundus camera which includes an ocular lens wherein the means for focusing [comprises an] includes the ocular lens and means for directing the transferred radiation to impinge upon the ocular lens [of a fundus camera].--

[Amend Claim 3 as follows:]

--3. (Amended) The apparatus of claim 2 wherein the means for [transferring further] directing comprises a beamsplitter disposed to direct output from the lens means to the ocular lens.--

[Amend Claim 4 as follows:

--4. (Amended) The apparatus of claim 3 which further comprises a compensation plate disposed in an observation path of the fundus camera to compensate for shifting of an optical axis of the fundus camera caused by the beamsplitter.--

[Amend Claim 5 as follows:

cont. A3
~~9.5~~ (Amended) Apparatus, including a fundus camera, for illuminating the fundus of an eye with a [scanned sample] beam of radiation [, the scanned sample beam emerging] output from a beam scanner [which is exposed to a sample beam], [which] the apparatus comprises:

means for transferring radiation from the [scanned sample] output beam of radiation, including chief rays of the [sample] output beam of radiation which emerge from a point of final deflection of the beam scanner; and

means for focusing the transferred radiation so that the [scanned sample] output beam of radiation is focused onto the fundus [by] of the eye;

wherein the means for transferring comprises an internal focusing lens means of the fundus camera wherein the internal focusing lens means is fixed with respect to the beam scanner [and at least a first portion of the focusing means] so that the point of final deflection is located substantially in the back focal plane of the [first portion of the] internal focusing lens means and wherein the [first portion of the] internal focusing lens means is movable.--

[Cancel Claim ~~6~~.

Amend Claim ~~7~~ as follows:

I A4
~~10.7~~ (Amended) The apparatus of claim [6] ⁹~~5~~ wherein the means for transferring further comprises a beamsplitter disposed to direct the [scanned sample beam] output beam of radiation to impinge upon the internal focusing lens.--

Amend Claim 8 as follows:

~~11.8~~ (Amended) The apparatus of claim [6] ⁹~~5~~ wherein the fundus camera comprises an illumination source and an illumination focusing means for providing an illumination path between the illumination source and an ocular lens of the fundus camera, [which] the apparatus further comprises light stop means disposed in [an] the illumination path between the illumination source and the focusing means [of the fundus camera] to provide a hollow cone of illumination radiation which impinges upon [an] the ocular lens [of the fundus camera].--

[Amend Claim 9 as follows:]

5. ~~10.~~ (Amended) The apparatus of claim 2 wherein the fundus camera comprises an illumination source and an illumination focusing means for providing an illumination path between the illumination source and the ocular lens, [which] the apparatus further comprises light stop means disposed in [an] the illumination path between the illumination source and the focusing means [of the fundus camera] to provide a hollow cone of illumination radiation which impinges upon [an] the ocular lens [of the fundus camera].--

[Amend Claim 10 as follows:]

Cont. A4
12--10. ~~9.~~ (Amended) The apparatus of claim [6] ~~9~~ wherein the fundus camera comprises an illumination source and an illumination focusing means for providing an illumination path between the illumination source and an ocular lens of the fundus camera and wherein the fundus camera further comprises observation focusing means for providing an observation path for receiving reflections from the eye of illumination radiation from the illumination source, [which] the apparatus further comprises linearly polarizing means disposed in [an] the illumination path [of the fundus camera to substantially linearly polarize radiation in an illumination beam] and linearly polarizing means disposed in [an] the observation path [of the fundus camera], a direction of its linear polarization being substantially orthogonal to a direction of linear polarization of the polarizing means disposed in the illumination path [means].--

[Amend Claim 11 as follows:]

6--11. ~~11.~~ (Amended) The apparatus of claim 2 wherein the fundus camera comprises an illumination source and an illumination focusing means for providing an illumination path between the illumination source and the ocular lens and wherein the fundus camera further comprises observation focusing means for providing an observation path for receiving reflections from the eye of illumination radiation from the illumination source, [which] the apparatus further comprises linearly polarizing means disposed in [an] the illumination path [of the fundus camera to substantially linearly polarize radiation in an illumination beam] and linearly polarizing means disposed in [an] the observation path [of the fundus camera], a direction of its linear polarization being substantially orthogonal to a direction of linear polarization of the polarizing means disposed in the illumination path [means].--

[Amend Claim 12 as follows:]

~~13--12~~ 9. (Amended) The apparatus of claim [6] ~~5~~ wherein the fundus camera comprises an illumination source and an illumination focusing means for providing an illumination path between the illumination source and an ocular lens of the fundus camera, [which] the apparatus further comprises fixation means disposed in the illumination path between the illumination source and the illumination focusing means for [disposing] providing a fixation target in an intermediate image of the fundus which is formed behind the ocular lens in [an] the illumination path [of the fundus camera].--

[Amend Claim 13 as follows:]

Cont. A4
~~17--13~~ 9. (Amended) The apparatus of claim 2 wherein the fundus camera comprises an illumination source and an illumination focusing means for providing an illumination path between the illumination source and the ocular lens, [which] the apparatus further comprises fixation means disposed in the illumination path between the illumination source and the illumination focusing means for [disposing] providing a fixation target in an intermediate image of the fundus which is formed behind the ocular lens in [an] the illumination path [of the fundus camera].--

[Amend Claim 14 as follows:]

--14. (Amended) The apparatus of claim [6] ~~5~~ wherein the fundus camera comprises a video port disposed in an observation path of the fundus camera, [which] the apparatus further comprises [means for disposing] a visible light source and means for transferring output from the visible light source to [in] an image plane of [a] the video port [of the fundus camera], the visible light source being movable.--

[Amend Claim 16 as follows:]

A5
--16. (Amended) Method for illuminating the fundus of an eye with a [scanned sample] beam of radiation [, the scanned sample beam emerging] output from a beam scanner [which is exposed to a sample beam], [which] the method comprises the steps of:
transferring radiation from the [scanned sample] output beam of radiation, including chief rays of the [sample] output beam of radiation which emerge from a point of final deflection of the beam scanner; and
focusing the transferred radiation so that the [scanned sample] output beam of radiation is focused onto the fundus [by] of the eye;

wherein the step of transferring comprises transferring with a movable lens which is fixed with respect to the beam scanner so that the point of final deflection is located substantially in the back focal plane of the lens.--

[{Amend Claim 17 as follows: }

--17. (Amended) Method for illuminating the fundus of an eye with a [scanned sample] beam of radiation [, the scanned sample beam emerging] output from a beam scanner [which is exposed to a sample beam], [which apparatus] the method comprises the steps of:

transferring radiation from the [scanned sample] output beam of radiation, including chief rays of the [sample] beam of radiation which emerge from a point of final deflection of the beam scanner; and

focusing the transferred radiation so that the [scanned sample] output beam of radiation is focused onto the fundus [by] of the eye;

wherein the step of transferring comprises transferring with a beamsplitter which is fixed with respect to the beam scanner and a movable focusing lens so that the point of final deflection is located substantially in the back focal plane of the focusing lens.--

[{Add the following Claims: }

~~8.~~ --18. The apparatus of claim 2 wherein the fundus camera comprises a video port disposed in an observation path of the fundus camera, the apparatus further comprises a visible light source and means for transferring output from the visible light source to an image plane of the video port, the visible light source being movable.--